

## AMENDMENTS TO THE CLAIMS

**Please amend the claims as indicated:**

**1-12 (Canceled)**

**13. (Currently amended)** A method for blocking or reducing the adverse effects on a medical or experimental material when the medical or experimental material is exposed to 10kGy or more of at least one type of radiation selected from the group consisting of x-rays, gamma rays and electron beams, the method comprising:

covering the medical or experimental material in need of protection from said adverse effects with a sheet or film comprising at least one member selected from the group consisting of ~~collagens~~, keratins, silk fibroins and their derivatives.

**14-16. (Canceled)**

**17. (Currently amended)** A method according to claim 13, wherein the sheet or film comprises at least one member selected from the group consisting of ~~collagens~~, keratins, silk fibroins and their derivatives in a total amount of 0.05 wt.% to 40 wt.% based on the weight of the sheet or film.

**18-26. (Canceled)**

**27. (Previously presented)** The method of Claim 13, wherein the medical or experimental material is exposed to 10kGy or more radiation over the course of 0-5 hours.